I^st & Final bill
Recorded on:-

M. A. R. 57 (Rule 116)
Measurement Book

No. E 585240

Est Cost RS. 15.00 Lakhs
Date 08/02/2023

work order No:- BBMP/EE/YNK.D/E-PMT-12/W.O/110/2022-23,
Serial No .....
Name of work Improvements to BBMP building at Sandeep Unni Krishnavan main road Thirumalanagara in Attur ward No-04 of Yelahanka Satellite Town Sub division.
Name of Contractor or nature of Agency SRI. BHARATH G.R (S.R. CONSTRUCTIONS), Ground floor, No:- 1362, 15th main 22nd cross, 'A' Block, Sahakaranagara Bgle-92
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	① Earth work excavation by manual means for drains, Canals, waste weir, draft, approach channels, key trenches, foundations of bridges and such similar works in all kinds of Soils, as per drawing and technical Specifications, including setting out, Shoring, Strutting barricading, Caution lights, removal of Stumps and other deleterious matter, excavated surface levelled and sides neatly dressed disposing off the excavated stuff or Sorting & Stacking the selected stuff for reuse in any reduced of 50m and lift up to 1.5m including cost of labour, tools & other appurtenances required to Complete the work. Depth exceeding 1.5m, but not exceeding 3m. Quantity, vide, A.S per pre-measurement are Recorded in this MB and page No:- 58527 6:- 7.29m^3 @RS.185.20						1350.10

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(2) Providing and filling in foundation with granite/trap broken metal 100mm and down size, with approved hand including hard packing, ramming, watering, including cost of all materials and labour with all lead and lift Complete as per Specifications. Quantity vide As per pre-measurements are Recorded in this mb and page no of:- 585277:- 1·44 m^3 CRS. 2383·27					3431.90	
	(3) Providing and laying in position plain Cement Concrete for levelling Course for all works in foundation. The granite/trap/ basalt Gushed graded Coarse aggregates and fine aggregates as per relevant IS Codes machine mixed laid in layers						

Serial No. .....
Name of work .....
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Date	Full description,
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	not exceedi including a uhage char ances requi mix 1:3:6 (a aggregates. Quant ReCor

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

585241

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, usage charges of machineries, curing and all the other appurtenances required to complete the work as per Technical Specifications. mix 1:3:6 (m10) using 40mm nominal size graded crushed coarse aggregates. Specifications.						
	Quantity vide, As per pre-measurement recorded in this mes and page No of:- 585278 : 47.59 m^3					CRS. 5768.60	2,45,473.67

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	④ Providing and laying in position Reinforced Cement Concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50m height. The granite / trap / basalt Crushed graded Coarse aggregates and fine aggregates as per relevant IS Codes in machine mixed with Super plasticisers laid in layers. well Compacted using needle vibrators, providing Weep holes wherever necessary as per Specifications & directions of engineer in charge work.						
	Quantity vide, As per pre-measurement are Recorded in This on Board page No of:- 585279:- 1.71 m^3						10297.96
	@RS. 6022.20						

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M. A. R. 57 (Rule 116) No. E

Measurement Book

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Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(5) Providing and laying in position Reinforced Cement Concrete for all Super structures of Building, Road works, water works, Irrigation works & Super structure works of bridges up to 3.500m height. The granite/trap/basalt Crushed graded Coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with Super plasticizers laid in layers well Compacted using needle vibrators. The cost includes all lead & lifts, Cost of all materials, quality Confirming to the requirements etc as Per Specifications & directions of engineer in charge work.						
	Column 8:- main Road :-	1	0.30	0.30	2.00	0.36	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Intrion :-	2	0.20	0.20	2.00	0.16	
	Police chowki :-	2	0.20	0.20	2.00	0.16	
						0.50 cm³	3166.20
						@Rs. 6332.40	
	⑥ Providing and laying heavy duty cobble Stones 75mm Thick interlock Pavers, using cement and Course Sand for manufacture of blocks of approved Size, Shape and Colour with a minimum Compressive Strength of 281 Kg per mm² over 50mm Thick Sand bed (average Thick ness) and Compacting with plate vibrator having 3 tons Compaction force Thereby forcing part of Sand underneath to come up in between joints, final compaction of paver Surface joints into final level etc as per Specifications & directions of engineer in charge work.						

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M. A. R. 57 (Rule 116) No. E 585243

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Open Areas :-	1	15.70	$\frac{8.50+8.70}{2}$	-	135.02	
		1	4.00	0.60	-	2.40	
		1	0.75	0.60	-	0.45	
	Front of Toilet Block :-	1	6.30	5.10	-	32.13	
		1	3.50	1.35	-	4.72	
		1	0.75	0.60	-	0.45	
	Front of Shopping Complex :-	1	39.10	$\frac{3.35+3.40}{2}$	-	131.96	

06/3/2023

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	3.40	2.20	-	7.48	
						314.61 m2	
	(-) Deductions for Tree pathic	1	1.40	1.35	-	1.89	
						312.72 m2	
					@RS.	1065.60	3,33,234.43
	(#) Providing Thermo-mechanically Treated bars of grade Fe-550 Steel reinforcement for R.C.C work including straightening cutting, bending, placing in position, binding and anchoring to adjacent members wherever necessary Complete as per Design including cost of material, labour, usage charges Complete as per Specifications (The lapps & hooks shall not be measured separately.)						

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M. A. R. 57 (Rule 116) No. E

Measurement Book

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Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Quantity vide, AE per pre-measurement are Recorded in this MB and page no of:- 585278:- 296.45 Sqm, Qty 26592.63 @Rs. 89.40 Amount						
	(8) Finishing walls with Acrylic Smooth exterior paint of required shade: new work (Two Coat applied @ 1.67 ltr/10sqm over and including priming Coat of exterior primer applied @ 2.20 kg/10sqm with paint of approved quality to give an even shade, after Throughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter etc as per specifications & directions of engineer incharge work.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	outside of Shops :- L/walls :-	2	38.80	-	3.55	275.48	
	S/walls :-	2	3.50	-	3.55	24.85	
						300.33 m²	
	(->Deductions :- R/shutters :-	12	2.10	-	2.40	60.48	
	V :-	12	0.60	-	0.60	4.32	
						64.80 m²	
	Net quantity :- 300.33 m² - 64.80 m² = 235.53 m²						
						@Rs. 126.60	29818.09
	(9) Finishing with Epoxy paint (two coats) at all locations prepared and applied as per manufactures Specifications including						

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

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Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number	Dimensions Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	appropriate priming coat. preparation of surface etc complete on concrete work including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, cost of materials labour complete as per specifications and directions of engineer in charge work.						
	Inside of shops:- Walls:-	20	3.05	-	$\frac{3.35+3.10}{2}$ = 196.72	✓	✓
		2	6.35	-	$\frac{3.35+3.10}{2}$ = 40.95	✓	✓
	S/walls:-	20	3.00	-	$\frac{3.35+3.10}{2}$ = 193.50	✓	✓
		2	3.00	-	$\frac{3.35+3.10}{2}$ = 19.35	✓	✓
					$\frac{}{2}$	450.52 m²	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	C->Deductions:-R/shutters:-	12	2.10	-	2.40	60.48	✓
	V:-	12	0.60	-	0.60	4.32	✓
	opens:-	1	1.95	-	1.95	3.80	✓
		1	0.75	-	1.95	1.46	✓
						70.06 m^2	
	Net Quantity:- 450.52 m^2 - 70.06 m^2 = 380.46 m^2						
						@Rs. 128.50	48,889.11
(10)	Filling available excavated earth (excluding rock) in trenches, plinth sides of foundations and other similar works etc in layers not exceeding 200mm in depth, Consolidating each deposited layer by ramming						

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M. A. R. 57 (Rule 116) No. E 585246
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and watering lead upto 50m and lift upto 1.5m deep as per Specifications and directions of engineer incharge work.						
	Quantity vide item no-①:-					7.29 m³	
	(-) Deductions:-						
	PCC Concrete, Quantity vide item no-③:					0.72	
	Boulders filling, Quantity vide item no-②:					1.44	
	Footing Concrete, Quantity vide item no ④:					1.44	
						3.60 m³	
	Net Quantity:- 7.29 m³ - 3.60 m³ =					3.69 m³	Foo. 73
	@ RS. 189.90						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(11) Loading and unloading of stone Boulder/ stone aggregates/ Sand/ Kankar/ moorum. etc as per specifications and directions of engin -eer in charge work.						
						Quantity vide item no (1) :- $7.29\ m^3$	C&P
	(-) Deductions :-					Quantity vide item no (10) :- $3.69\ m^3$	
						$3.60\ m^3$	396.00
						@Rs. 110.00	Brought to
	(12) Cost of Haulage excluding loading and unloading Taking out Put 10 t load and lead 10 km = 100 t. km etc as per specifications & directions of engineer in charge work.						

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M. A. R. 57 (Rule 116) No. E 585247

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number	Dimensions Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Quantity vide item no: (11) :- 3.90 m^3						
	Soft :- 1	3.90	1.280	-	4.99 m^3		446.16
					CRS	89.40	

(13) Fabricating, providing and erecting in position Hot dip galvanized Grill using 72 x 72 x 4.8mm Sq. GI pipe frame with Top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double curtain as per drawing profile, 20mm hot dip galvanized Sq. rod for verticals at 150 mm c/c as shown in the drawing including providing hot dip galvanized forged ornamental design in between Sq.

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	rods and heads at top, middle and bottom. Intermediate supports of 75×12 mm and 50×6 mm each bend to hot dip galvanized flath. etc as per specifications and directions of forge in charge works.						
	main Road Side:	1	4.00	$\frac{2.05+2.35+2.05}{3}$		= 8.60	
	Interior:	1	2.75	$\frac{2.05+2.35+2.05}{3}$		= 5.91	
	Police chowki Side	1	3.10	$\frac{2.05+2.35+2.05}{3}$		= 6.66	
						21.17 m2	
						@ RS. 10553.90	2,23,426.00

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(14)	Repair 75mm guides lattis coil t with b -side & Service in cho

M. A. R. 57 (Rule 116) No. E 585248
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Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	7	8
(14)	Repair of pull and push type rolling shutters of made of 18 gauge, 75mm wide Cold rolled steel laths of Convex Corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, Suspension shaft with High tension coil type Springs two numbers, mounted on Specify designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for in-side & outside locking with push & pull operations the which ever parts un Serviceable should be replace etc as per Specifications & directions of Engineer in charge cooms.	4	2.15	-	2.10	18.6 m²	C&R 7815.10

CRS. 432.73

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(15) Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up Standard tubular Sections/ appropriate Sections and other Sections of approved make conforming to IS:733 and IS:1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions i.e. at top, bottom and sides with required EPDM rubber neoprene gasket etc. as per Specifications and direc-ions of engineer in charge.						
	Partition :-	1	3.00	-	2.10	6.30	
	Door :-	1	0.75	-	2.00	1.50	
	V :-	4	0.70	-	0.60	1.68	
						9.48 m²	

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	(16) Provi-di-
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Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	9.48 m² X		12.00 = 113.76 kgs @ RS. 430.90	49019.18	

(16) Providing and fixing 12mm thick preLaminated particle board flatpressed Three layer on graded wood particle board Conforming to IS: 12823 Grade I Type II. in panelling fixed in aluminium doors, windows shutters and partition frames with c.p. brass/stainless steel screws etc. complete as per architectural drawings and direct-ions of engineer-in charge work.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Quantity not operated:- 0.000				2	C&K
		@Rs. 745.50				0.00	
(17)	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P flush bend with fittings & CI brackets. 40mm flush bend, overflow arrangement with Coupling of approved municipal design Complete as per Specifications & directions of engineer in charge work.						
		Quantity not operated:- 0.00 Nos					0.00 C&K
		@Rs. 4657.70					

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M. A. R. 57 (Rule 116) No. E 585250
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Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(18)	Supply steel almirah with shelves & locker 6 Gft 18/20 gauge of size 78"x36"x19" etc, including of all taxes as per approved by engineer in charge Complete as per Specifications.	3	-	-	- @RS. 6760.00	3.00 NOS	20,280.00
					Total	RS :-	10,04,747.26
					Add 18% of GST	RS :-	180854.50
					Grand Total	RS :-	11,85,601.76

ಸಂಚಾರಿ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	CERTIFICATE:- 1) Certified that the above works done is Satisfactory Completed. 2) Certified that the debris have been cleared to Site. AE 18/3 ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ, ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106						

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M. A. R. 57 (Rule 116) No. E 585251
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Serial No. .....
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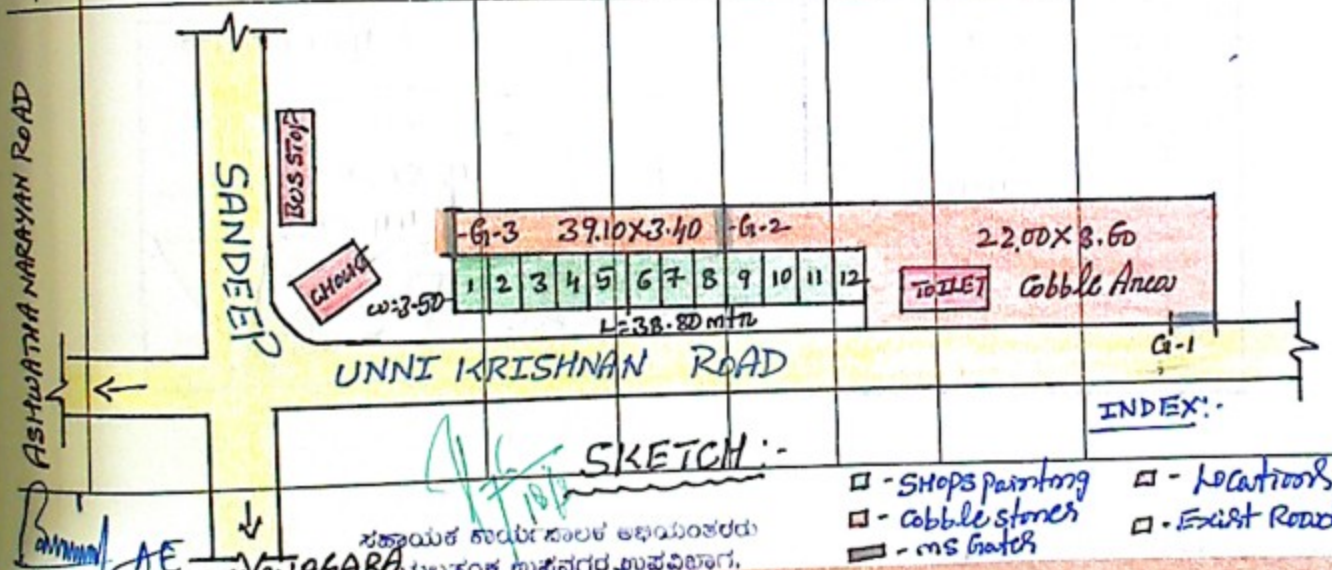
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8



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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Bill Amount (+) GST TOTAL 1185000:00 Less : I.Tax 11850:00 SGST 10043:00 CGST 10043:00 BCWWC 11850:00 CBF 11850:00 ROYALTY 11440:00 FINE — FSD — OTHERS TOTAL DEDUCTION 56411:00 NET PAY 1128589:00					1st & Final – 004.23-00001	

Audited & Admitted for Rs 1185000.00

1128589:00 by Cheque

and Rs 56411:00 by adjusement

Accts Supdt 4/10/23
yelahanka Division
BBMP

Exe Engineer
yelahanka Division
BBMP

Serial No.
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